

EMPLOYMENT AND UNEMPLOYMENT, NOVEMBER 1977



INQUIRIES

If you want to know more about these statistics ring Mr Joe Christensen, Canberra 526856 or our State office, or write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616.

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1. EMPLOYED WAGE AND SALARY EARNERS

The figures in this section generally relate only to civilian wage and salary earners, not the total labour force: they therefore exclude employers, self-employed persons, unpaid helpers and the unemployed. Also excluded, because of the inadequacy of current data, are wage and salary earners in agriculture and private households employing staff. For the sake of brevity, wage and salary earners are referred to in the tables as "employees". Defence forces are included in Table 2.

2. The estimates in Tables 1 to 7, except those relating to government employees and defence forces, are based on comprehensive data (referred to herein as "benchmarks") derived for the purpose from the population census of June 1971 and other sources. (See paragraph 6). Month-to-month changes shown by current data (see paragraphs 7 to 9) are linked to the benchmark data to derive the monthly estimates.

3. Although the series measure reasonably well the short-term trends in employment in the defined field, they may be less reliable for longer-term measurement. There are conceptual differences between benchmark and current data, and changes in such factors as labour turnover, multiple jobholding and part-time working all affect the trend over longer periods.

4. The concepts and definitions applicable to these estimates are those adopted at the 1971 population census, which conformed closely to the recommendations of the Eighth International Conference of Labour Statisticians (Geneva, 1954). At the census the following questions were asked in respect of all persons fifteen years of age and over:

"Did this person have a full or part-time job, or business or farm of any kind last week (even if this person was temporarily absent from a job because of sickness, holidays, industrial dispute, etc.)?"

"Did this person do any work at all last week for payment or profit (even if this person was working only part-time or helping without pay in a family business)?"

Provided they had not been temporarily laid off by their employer without pay for the whole of the week, persons who answered "yes" to either of these questions were classified as employed. Persons in this category

were classified as wage or salary earners if on their census schedule they were stated to be "a wage or salary earner" in the job they held in the previous week.

5. Government employees comprise not only administrative employees but also all other employees of government bodies (Australian, State, local and semi-government) on services such as railways, road transport, banks, postal and telecommunications, air transport, education (including universities, colleges of advanced education, etc.), radio, television, police, public works, factories, marketing authorities, public hospitals (other than those run by charitable or religious organisations) and departmental hospitals and institutions.

Adoption of new benchmarks

6. As results from each successive population census become available it is customary to derive from them new benchmarks for the monthly employment series, and to revise the published estimates for all periods subsequent to the date of the previous census. Benchmarks for June 1971 were established by analysing data from the 1971 population census and other relevant sources such as special returns from government bodies and the Bureau's economic censuses and surveys. It should be noted that figures in this bulletin are subject to further revision as the results of later censuses and surveys become available.

7. The data needed to derive the estimates for periods subsequent to the benchmark date (June 1971) are obtained from three main sources, namely, (a) current payroll tax returns; (b) current returns from government bodies; and (c) some other current returns of employment (e.g. for hospitals); the balance, i.e. unrecorded private employment, is estimated. At June 1971 recorded employment obtained from the foregoing sources accounted for about 90 per cent of the employees in the industries covered, as determined by the benchmarks.

8. Current data supplied by reporting enterprises or establishments generally refer to persons on the payroll for the last pay-period in each month. Persons who are on paid leave or who work during part of the pay-period and are unemployed or on strike during the rest of the period are generally counted as employed.

Those not shown on employers' payrolls because they are on leave without pay, on strike or stood down for the entire period are excluded.

9. In all States and Territories most employers paying wages in excess of a designated exemption level are required to lodge payroll tax returns. Certain Australian Government bodies, religious and benevolent institutions, public hospitals and other similar organisations are specifically exempted under the Australian and State Payroll Tax Acts. The following table shows details of recent exemption levels (in dollars per week) :

	Qld	W.A.	Other States	N.T. and A.C.T.
Before Jan. 1976	400	400	400	400
Jan. to Dec. 1976	800	800	800	400
Jan. to June 1977	1,200	923	923	923
July to Nov. 1977	1,600	923	923	923
Dec. 1977	1,600	1,154	923	923
From Jan. 1978	1,923	1,154	1,154	1,154

Industry

10. The industry classification used in this bulletin is the *Australian Standard Industrial Classification (ASIC)*, described in the Bureau publication *Australian Standard Industrial Classification (Preliminary Edition)*, 1969, Volume 1 (1201.0). This industry classification is not directly comparable with those adopted for population censuses before 1971 and used in the estimates for earlier periods.

Estimates for earlier periods

11. For the period June 1971 to June 1975 detailed industry figures for each State and Australia and the government employment series were published in a

special bulletin *Employed Wage and Salary Earners, June 1971 to June 1975* (6214.0).

12. It is expected that in due course a revised series will be published for the period June 1966 to May 1971, classified according to ASIC. However, it may not be possible to provide as much industry detail as for June 1971 and subsequent periods. ASIC estimates cannot be derived for periods prior to June 1966.

Related publications

13. Users may wish to refer to the following employment publications which are available on request:

Employed Wage and Salary Earners : Preliminary (6212.0).

Employed Wage and Salary Earners, June 1971 to June 1975 (6214.0).

Other ABS publications which may be of interest include :

The Labour Force (6203.0).

Survey of Persons Registered with the CES as Unemployed, March 1977 (Preliminary) (6228.0).

Catalogue of Publications 1977 (1101.0).

Symbols and other usages

- .. Nil or less than 50 persons
- r Figure or series revised since previous issue
- † Affected by industrial disputes
- n.a. not available.

Any discrepancies between totals and sums of components in tables are due to rounding.

R. J. CAMERON
Australian Statistician

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TABLE 1. CIVILIAN EMPLOYEES : AUSTRALIA - SEASONALLY ADJUSTED SERIES
(Excluding agriculture and private domestic service)
(000)

Principal industries (persons)										
Month	Total civilian employees			Private/ government (persons)		Manu- facturing	Con- struction	Wholesale and retail trade	Transport and storage	Finance, insurance, real estate and business services
	Males	Females	Persons	Private	Govern- ment (a)					
ORIGINAL										
1975 -										
November	3,005.1	1,733.0	4,738.1	3,317.1	1,421.1	1,208.3	381.3	966.6	253.3	376.1
December	3,002.3	1,720.2	4,722.4	3,311.2	1,411.3	1,201.9	375.4	969.5	256.0	375.8
1976 -										
January	2,995.1	1,703.9	4,699.0	3,287.5	1,411.4	1,198.5	371.8	956.1	253.7	376.8
February	3,004.2	1,725.4	4,729.6	3,305.8	1,423.8	1,209.3	372.9	959.0	252.1	378.7
March	3,011.2	1,737.0	4,748.2	3,321.2	1,427.0	1,213.1	373.4	965.0	251.5	380.8
April	3,010.3	1,735.8	4,746.0	3,317.1	1,428.9	1,206.3	372.9	966.8	251.6	380.7
May	3,011.0	1,735.1	4,746.1	3,315.6	1,430.5	1,203.2	372.4	969.8	251.6	380.0
June	3,006.2	1,732.9	4,739.1	3,305.8	1,433.2	1,196.9	371.0	968.4	250.8	380.3
July	3,000.4	1,733.6	4,734.0	3,299.3	1,434.7	1,192.9	369.7	966.8	251.2	380.5
August	2,992.5	1,732.9	4,725.4	3,293.0	1,432.5	1,187.3	366.2	967.4	250.3	380.3
September	2,990.2	1,737.7	4,728.0	3,294.7	1,433.3	1,186.7	365.2	968.1	249.8	381.1
October	2,987.6	1,744.6	4,732.1	3,299.5	1,432.6	1,187.3	363.5	971.7	249.6	381.0
November	†2,990.5	1,753.0	†4,743.5	†3,307.6	1,435.9	†1,184.4	363.8	978.6	251.5	382.1
December	2,985.0	1,737.8	4,722.9	3,296.1	1,426.8	1,176.7	360.4	980.3	252.8	382.1
1977 -										
January	2,981.5	1,722.5	4,704.0	3,275.3	1,428.7	1,172.5	358.8	967.4	251.3	382.8
February	2,991.2	1,741.1	4,732.3	3,284.6	1,447.7	1,177.1	361.3	969.1	250.4	384.5
March	2,994.7	1,749.7	4,744.4	3,288.9	1,455.5	1,177.5	361.6	970.3	249.7	385.9
April	2,987.7	1,750.9	4,738.6	3,278.9	1,459.8	1,169.2	360.9	971.2	249.3	384.9
May	2,983.2	1,749.3	4,732.5	3,270.3	1,462.3	1,162.3	360.2	969.4	249.2	385.5
June	2,979.2	1,747.1	4,726.2	3,262.5	1,463.8	1,156.2	361.0	968.9	249.3	385.0
July	2,968.9	1,748.9	4,717.8	3,251.0	1,466.8	1,148.4	358.9	967.2	248.6	384.4
August	2,964.5	1,752.5	4,717.0	3,246.5	1,470.5	1,147.4	356.8	965.2	248.2	383.8
September	†2,955.3	†1,756.8	†4,712.1	†3,241.2	†1,470.8	†1,145.1	354.2	965.1	248.1	383.6
October	†2,954.4	1,762.5	†4,716.9	†3,241.9	1,475.0	†1,142.8	354.0	967.6	248.3	383.1
November	2,959.6	1,770.1	4,729.7	3,251.9	1,477.8	1,144.2	353.8	974.4	250.6	382.3
SEASONALLY ADJUSTED (b)										
1975 -										
November	3,006.3	1,721.8	4,728.1	3,301.0	1,427.1	1,204.3	383.4	956.4	252.1	378.3
December	3,006.6	1,724.9	4,731.5	3,308.0	1,423.5	1,207.0	381.0	957.7	252.9	378.2
1976 -										
January	3,006.5	1,731.8	4,738.3	3,309.4	1,428.9	1,207.6	376.7	961.8	252.5	377.3
February	3,004.1	1,730.8	4,734.9	3,311.7	1,423.2	1,208.8	372.8	964.5	252.1	376.6
March	3,004.0	1,733.0	4,737.0	3,315.2	1,421.8	1,209.6	371.1	965.8	251.6	377.5
April	3,004.1	1,730.5	4,734.6	3,312.3	1,422.3	1,205.7	372.3	967.4	252.0	378.2
May	2,998.5	1,729.1	4,727.6	3,306.5	1,421.1	1,201.4	367.1	967.3	251.8	377.7
June	2,994.7	1,728.1	4,722.8	3,299.3	1,423.5	1,196.2	365.9	967.9	251.3	378.9
July	3,000.2	1,731.3	4,731.5	3,304.5	1,427.0	1,193.3	367.2	970.7	252.2	381.1
August	2,997.5	1,733.6	4,731.1	3,301.7	1,429.4	1,187.6	366.0	973.3	251.4	381.8
September	2,997.1	1,736.2	4,733.3	3,299.0	1,434.3	1,185.1	366.6	972.2	251.0	382.9
October	2,994.3	1,739.1	4,733.4	3,296.1	1,437.3	1,184.1	365.8	969.5	250.6	383.4
November	†2,992.7	1,742.2	†4,734.9	†3,293.1	1,441.8	†1,181.1	366.0	968.7	250.4	384.4
December	2,990.4	1,743.8	4,734.2	3,293.9	1,440.3	1,182.2	365.8	969.3	249.6	384.5
1977 -										
January	2,993.6	1,750.8	4,744.4	3,297.7	1,446.7	1,181.8	363.7	973.1	250.1	383.4
February	2,991.9	1,746.9	4,738.8	3,291.2	1,447.6	1,176.9	361.2	974.7	250.4	382.5
March	2,988.3	1,746.3	4,734.6	3,284.1	1,450.5	1,174.2	359.4	971.1	249.8	382.7
April	2,980.9	1,745.0	4,725.9	3,272.7	1,453.2	1,168.5	360.3	971.7	249.7	382.4
May	2,970.2	1,743.2	4,713.4	3,261.1	1,452.3	1,160.5	354.9	966.8	249.4	383.2
June	2,966.8	1,741.9	4,708.7	3,255.4	1,453.3	1,155.3	355.9	968.3	249.8	383.6
July	2,968.0	1,746.0	4,714.0	3,255.6	1,458.4	1,148.6	356.5	970.9	249.6	385.0
August	2,969.2	1,752.8	4,722.0	3,255.0	1,467.0	1,147.7	356.5	971.0	249.3	385.3
September	†2,961.8	†1,754.9	†4,716.7	†3,245.1	†1,471.6	†1,143.4	355.6	969.1	249.3	385.4
October	†2,960.8	1,756.8	†4,717.6	†3,238.0	1,479.6	†1,139.6	356.2	965.2	249.3	385.5
November	2,962.5	1,759.7	4,722.2	3,238.4	1,483.9	1,141.2	356.1	964.8	249.6	384.6

(a) Includes industrial as well as administrative employees. (See page 1, paragraph 5). (b) For details of the methods used see *Seasonally Adjusted Indicators, 1977* (1308.0).

TABLE 2. CIVILIAN EMPLOYEES : STATES AND TERRITORIES
(Excluding agriculture and private domestic service)
(000)

Month	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T. (a)	Australia		
									Civilian employees	Defence forces (b)	Total civilian employees and defence forces
MALES											
1974 -											
November	1,109.1	836.6	407.9	277.2	244.6	89.5	27.5	49.5	3,041.9	64.5	3,106.4
1975 -											
October	1,084.7	825.2	410.2	274.5	246.8	89.6	25.0	52.0	3,008.1	65.5	3,073.6
November	1,083.2	825.6	407.9	274.2	247.8	89.2	25.1	52.1	3,005.1	65.1	3,070.2
1976 -											
October	1,065.8	822.4	409.5	277.6	249.0	88.2	24.6	50.4	2,987.6	65.1	3,052.7
November	†1,065.5	823.9	407.9	279.0	250.8	88.6	24.4	50.5	†2,990.5	65.0	†3,055.5
December	1,064.0	825.7	403.4	278.7	250.4	89.2	23.8	49.9	2,985.0	64.9	3,049.9
1977 -											
January	1,062.8	826.0	401.9	277.8	250.6	88.8	23.6	50.0	2,981.5	65.9	3,047.4
February	1,064.7	827.8	404.8	278.2	252.9	89.1	23.6	50.1	2,991.2	66.1	3,057.3
March	1,065.3	827.6	405.6	278.9	254.2	89.5	23.4	50.3	2,994.7	66.2	3,060.9
April	1,062.6	822.7	407.0	277.3	255.1	89.4	23.4	50.2	2,987.7	66.4	3,054.1
May	1,060.8	821.2	407.3	276.8	254.2	89.2	23.6	50.3	2,983.2	66.5	3,049.7
June	1,058.8	818.8	409.7	275.5	253.8	88.7	23.7	50.2	2,979.2	66.3	3,045.5
July	1,056.3	814.3	408.0	274.3	253.8	88.1	23.9	50.2	2,968.9	66.6	3,035.5
August	1,055.7	812.5	407.5	273.1	253.7	88.1	23.8	50.2	2,964.5	66.5	3,031.0
September	1,054.2	†807.0	407.6	271.6	253.3	87.8	23.6	50.2	†2,955.3	66.3	†3,021.6
October	1,054.8	†807.3	406.0	271.4	253.7	87.4	23.5	50.1	†2,954.4	66.3	†3,020.7
November	1,056.3	811.1	403.7	272.0	255.0	87.9	23.2	50.4	2,959.6	65.9	3,025.5
FEMALES											
1974 -											
November	630.8	492.9	208.6	158.8	131.6	44.2	13.8	32.1	1,712.7	3.1	1,715.8
1975 -											
October	627.3	494.1	213.1	161.7	134.6	46.3	12.5	35.9	1,725.4	3.5	1,728.9
November	630.7	496.0	213.8	163.2	134.7	46.1	12.5	36.0	1,733.0	3.5	1,736.5
1976 -											
October	626.1	496.7	217.7	168.5	140.2	47.7	12.7	35.1	1,744.6	3.6	1,748.2
November	629.0	498.4	217.9	170.4	141.5	47.9	12.6	35.3	1,753.0	3.7	1,756.7
December	622.4	498.8	216.1	166.5	138.2	48.3	12.5	34.9	1,737.8	3.6	1,741.4
1977 -											
January	613.8	494.9	215.7	164.6	138.2	48.0	12.5	34.8	1,722.5	3.7	1,726.2
February	622.4	497.0	216.1	167.9	141.7	48.2	12.7	35.1	1,741.1	3.8	1,744.9
March	624.7	498.4	216.6	170.3	142.7	48.6	12.8	35.6	1,749.7	3.8	1,753.5
April	625.2	498.0	216.8	170.0	143.5	48.7	12.9	35.8	1,750.9	3.8	1,754.7
May	624.2	497.6	217.4	169.3	143.3	48.6	13.1	35.9	1,749.3	3.9	1,753.2
June	624.4	495.4	218.0	168.8	142.9	48.4	13.2	35.8	1,747.1	3.8	1,750.9
July	624.4	495.1	218.8	169.3	143.5	48.5	13.3	36.1	1,748.9	3.9	1,752.8
August	625.5	496.5	219.1	169.1	144.4	48.6	13.1	36.2	1,752.5	3.9	1,756.4
September	627.2	†497.0	221.0	168.3	145.2	48.8	13.1	36.1	†1,756.8	3.9	†1,760.7
October	629.8	498.6	221.1	168.8	146.2	48.8	13.0	36.2	1,762.5	3.9	1,766.4
November	632.0	500.7	220.9	171.1	147.0	49.3	13.0	36.1	1,770.1	3.9	1,774.0
PERSONS											
1974 -											
November	1,739.9	1,329.5	616.5	435.9	376.2	133.7	41.3	81.6	4,754.6	67.6	4,822.2
1975 -											
October	1,712.0	1,319.3	623.2	436.2	381.5	135.9	37.5	87.9	4,733.5	69.0	4,802.5
November	1,713.9	1,321.6	621.7	437.4	382.6	135.3	37.6	88.1	4,738.1	68.6	4,806.7
1976 -											
October	1,691.9	1,319.1	627.2	446.1	389.2	135.9	37.2	85.5	4,732.1	68.7	4,800.8
November	†1,694.5	1,322.3	625.7	449.4	392.2	136.5	37.1	85.8	†4,743.5	68.7	†4,812.2
December	1,686.4	1,324.5	619.5	445.2	388.6	137.5	36.2	84.9	4,722.9	68.5	4,791.4
1977 -											
January	1,676.6	1,320.8	617.6	442.3	388.8	136.8	36.2	84.7	4,704.0	69.6	4,773.6
February	1,687.1	1,324.8	620.9	446.1	394.6	137.4	36.2	85.3	4,732.3	69.9	4,802.2
March	1,690.0	1,326.0	622.3	449.1	396.9	138.1	36.2	85.9	4,744.4	70.0	4,814.4
April	1,687.8	1,320.7	623.9	447.3	398.6	138.1	36.3	86.0	4,738.6	70.2	4,808.8
May	1,684.9	1,318.7	624.7	446.0	397.5	137.8	36.7	86.1	4,732.5	70.4	4,802.9
June	1,683.3	1,314.2	627.7	444.3	396.7	137.1	36.9	86.0	4,726.2	70.1	4,796.3
July	1,680.7	1,309.4	626.8	443.5	397.3	136.6	37.1	86.3	4,717.8	70.5	4,788.3
August	1,681.2	1,309.0	626.6	442.1	398.1	136.7	36.9	86.4	4,717.0	70.4	4,787.4
September	1,681.4	†1,304.0	628.6	439.9	398.5	136.7	36.8	86.3	†4,712.1	70.2	†4,782.3
October	1,684.6	†1,305.9	627.1	440.2	400.0	136.2	36.6	86.3	†4,716.9	70.2	†4,787.1
November	1,688.3	1,311.8	624.6	443.2	402.0	137.2	36.2	86.5	4,729.7	69.8	4,799.5

(a) Includes persons employed in the Australian Capital Territory who reside in adjoining areas. (b) Permanent defence forces in Australia and overseas.

TABLE 3. CIVILIAN EMPLOYEES : PRINCIPAL INDUSTRIES AND PRIVATE OR GOVERNMENT EMPLOYMENT - AUSTRALIA
(Excluding agriculture and private domestic service)
(000)

Civilian divisions (a)	ASIC industry (a)	Males			Females			Persons		
		1976	1977		1976	1977		1976	1977	
		Nov.	Oct.	Nov.	Nov.	Oct.	Nov.	Nov.	Oct.	Nov.
	A(b) Forestry, fishing and hunting	13.1	13.1	13.4	1.1	1.0	1.1	14.1	14.1	14.5
	B Mining	72.9	72.3	72.0	5.7	5.9	5.9	78.6	78.2	77.9
	Coal	23.9	24.4	24.4	0.5	0.6	0.6	24.5	25.0	25.0
	Other	49.0	47.9	47.6	5.2	5.3	5.3	54.2	53.3	52.9
16.4	C Manufacturing	†879.9	†853.6	854.0	304.5	289.2	290.2	†1,184.4	†1,142.8	1,144.2
	Food, beverages and tobacco	141.4	143.0	141.6	49.4	49.2	49.3	190.8	192.2	190.9
	Textiles	23.4	21.5	21.6	17.0	15.6	15.8	40.4	37.1	37.2
73.6	Clothing and footwear	19.2	18.2	18.2	66.2	62.7	62.4	85.4	80.9	80.6
70.2	Knitting mills; clothing	14.3	13.7	13.8	58.7	55.3	55.2	73.0	69.0	68.9
	Footwear	4.9	4.6	4.5	7.6	7.3	7.2	12.4	11.9	11.7
52.7	Wood, wood products and furniture	66.6	62.6	63.0	10.5	9.8	9.9	77.2	72.3	72.9
55.5	Wood and wood products	45.3	42.9	43.2	5.3	5.0	5.1	50.6	47.9	48.2
49.9	Furniture and mattresses	21.3	19.7	19.8	5.3	4.7	4.8	26.6	24.4	24.7
	Paper and paper products, printing	†70.1	71.2	71.0	25.4	25.6	25.7	†95.5	96.8	96.7
47.4	Chemical, petroleum and coal products	45.7	45.6	45.9	16.7	16.1	16.1	62.3	61.6	62.0
57.3	Basic chemicals; other chemical and related products	40.3	40.0	40.3	16.4	15.7	15.8	56.7	55.8	56.1
50.9	Petroleum refining; petroleum and coal products n.e.c.	5.4	5.5	5.6	0.3	0.3	0.3	5.6	5.8	5.9
54.1	Non-metallic mineral products	43.3	41.2	41.2	5.3	5.1	5.1	48.6	46.3	46.3
49.7	Basic metal products	83.0	81.2	81.5	6.8	6.6	6.7	89.8	87.8	88.1
45.5	Basic iron and steel	60.8	58.8	59.0	4.7	4.5	4.6	65.6	63.3	63.5
35.5	Non-ferrous metal basic products	22.1	22.4	22.5	2.1	2.1	2.1	24.2	24.5	24.6
31.0	Fabricated metal products	85.4	82.9	83.9	22.0	20.3	20.6	107.4	103.2	104.6
21.6	Transport equipment	134.3	126.5	126.7	17.3	15.4	15.6	151.7	142.0	142.2
20.7	Motor vehicles and parts	74.3	67.7	67.8	14.6	12.9	13.1	88.9	80.6	80.8
25.5	Other transport equipment	60.1	58.8	58.9	2.7	2.5	2.5	62.8	61.3	61.4
	Other machinery and equipment	124.4	118.8	118.5	43.9	40.2	40.1	168.3	159.0	158.6
	Appliances and electrical equipment	55.4	53.0	52.9	30.9	27.8	27.7	86.3	80.8	80.6
	Industrial machinery and scientific equipment	69.0	65.8	65.6	13.0	12.4	12.4	82.0	78.2	78.0
15.8	Miscellaneous manufacturing	43.1	40.9	41.0	23.8	22.7	23.0	66.9	63.6	63.9
28.9	D Electricity, gas and water	91.4	93.9	94.0	9.1	9.3	9.3	100.5	103.2	103.2
36.5	Electricity and gas	65.8	67.1	67.1	6.7	6.9	6.8	72.4	74.0	73.9
48.2	Water, sewerage and drainage	25.7	26.8	26.9	2.4	2.4	2.4	28.1	29.3	29.3
56.7	E Construction	345.4	336.0	335.9	18.4	18.0	17.9	363.8	354.0	353.8
41.4	F Wholesale and retail trade	559.4	550.4	552.5	419.2	417.2	421.9	978.6	967.6	974.4
26.2	Wholesale trade	244.1	239.8	240.7	94.6	93.3	93.7	338.6	333.1	334.4
44.9	Retail trade	315.3	310.6	311.8	324.7	323.9	328.2	640.0	634.5	640.0
53.5	Motor vehicle dealers, petrol and tyre retailers	141.2	138.4	137.8	30.8	29.9	29.7	172.0	168.3	167.5
54.7	Other retail trade	174.1	172.2	174.0	293.8	294.0	298.5	467.9	466.2	472.5
53.2	G Transport and storage	214.8	211.1	213.2	36.8	37.3	37.4	251.5	248.3	250.6
50.9	Road transport	81.5	79.1	79.4	13.9	13.8	13.7	95.4	92.9	93.1
52.8	Railway transport	58.1	58.8	58.6	5.7	5.8	5.8	63.8	64.6	64.4
56.4	Water transport	30.2	28.3	28.2	2.1	2.1	2.1	32.3	30.4	30.3
60.7	Air transport	25.5	25.8	26.0	6.8	7.1	7.2	32.3	32.9	33.2
66.4	Other transport and storage	19.5	19.1	21.0	8.3	8.5	8.6	27.8	27.5	29.6
74.0	H Communication	71.6	71.2	71.2	29.2	29.3	29.3	100.9	100.5	100.5
	I Finance, insurance, real estate and business services	196.5	195.3	194.9	185.6	187.8	187.4	382.1	383.1	382.3
	Finance and investment	77.1	77.6	77.4	66.3	68.0	68.0	143.4	145.6	145.4
	Banking	59.7	60.2	60.0	47.1	48.2	48.2	106.8	108.4	108.2
	Other finance; investment	17.4	17.4	17.4	19.2	19.8	19.8	36.6	37.2	37.2
	Insurance	36.7	36.4	36.2	31.2	31.1	30.9	67.9	67.5	67.1
	Real estate and business services	82.6	81.3	81.3	88.1	88.7	88.5	170.7	170.0	169.9
22.2	J(c) Public administration and defence	152.0	152.9	153.0	91.9	94.7	95.0	243.9	247.7	247.9
02.5	K Community services	281.7	293.5	293.8	488.0	510.2	511.5	769.8	803.7	805.3
06.7	Health	65.8	70.2	70.3	256.6	271.4	271.9	322.4	341.5	342.2
00.8	Education, libraries, museums and art galleries	121.7	127.5	127.7	190.2	197.1	197.7	311.9	324.6	325.4
12.2	Welfare, religious institutions	16.8	16.6	16.7	16.9	16.7	16.8	33.7	33.4	33.5
91.4	Other community services	77.4	79.3	79.1	24.3	25.0	25.1	101.7	104.2	104.2
	L(d) Entertainment, recreation, restaurants, hotels and personal services	111.7	111.0	111.7	163.7	162.6	163.3	275.4	273.6	274.9
	Entertainment, recreational services	39.1	39.3	39.5	24.3	24.0	23.7	63.3	63.3	63.2
	Restaurants, hotels, clubs and personal services (d)	72.6	71.8	72.1	139.4	138.6	139.6	212.1	210.4	211.7
	Total	†2,990.5	†2,954.4	2,959.6	1,753.0	1,762.5	1,770.1	†4,743.5	†4,716.9	4,729.7
	PRIVATE OR GOVERNMENT EMPLOYMENT									
	Private	†2,057.3	†2,003.8	2,007.6	1,250.4	1,238.0	1,244.3	†3,307.6	†3,241.9	3,251.9
	Government (e)	933.2	950.6	952.0	502.7	524.5	525.8	1,435.9	1,475.0	1,477.8
	Australian	272.6	271.6	271.5	115.3	117.8	117.9	387.9	389.4	389.4
	State	559.7	577.7	578.6	366.3	384.1	385.1	926.0	961.8	963.6
	Local	100.9	101.3	101.9	21.0	22.6	22.8	121.9	123.9	124.7

For footnotes see page 7.

TABLE 4. CIVILIAN EMPLOYEES : PRINCIPAL INDUSTRIES AND PRIVATE OR GOVERNMENT EMPLOYMENT - STATES
 MALES, OCTOBER AND NOVEMBER 1977
 (Excluding agriculture and private domestic service)
 ('000)

ASIC divis- ion (a)	ASIC industry (a)	N.S.W.		Vic.		Qld		S.A.		W.A.		Tas.	
		Oct.	Nov.	Oct.	Nov.	Oct.	Nov.	Oct.	Nov.	Oct.	Nov.	Oct.	Nov.
A(b)	Forestry, fishing and hunting	3.3	3.4	2.6	2.8	3.0	3.0	0.9	0.9	1.7	1.7	1.2	1.3
B	Mining	25.1	25.1	4.1	4.1	14.5	14.5	2.8	2.8	20.1	19.9	3.6	3.6
C	Manufacturing	322.8	322.9	271.0	273.3	94.0	92.5	83.4	83.0	54.8	54.6	23.1	23.2
	Food, beverages and tobacco	47.1	47.0	40.4	40.8	29.8	28.3	12.2	12.2	8.7	8.4	4.0	4.0
	Textiles	6.0	6.1	12.0	12.1	0.7	0.7	1.3	1.3	0.5	0.5	0.9	0.9
	Clothing and footwear	5.9	5.9	10.4	10.5	0.7	0.7	0.9	0.9	0.2	0.2	0.1	0.1
	Knitting mills; clothing	4.7	4.7	8.0	8.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Footwear	1.2	1.2	2.5	2.4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	Wood, wood products and furniture	19.9	20.1	16.0	16.3	9.2	9.2	6.9	6.9	6.6	6.6	3.5	3.5
	Wood and wood products	12.7	12.7	10.8	11.0	6.5	6.5	4.8	4.8	4.6	4.7	3.1	3.1
	Furniture and mattresses	7.2	7.4	5.2	5.2	2.7	2.7	2.1	2.1	2.0	2.0	0.4	0.4
	Paper and paper products, printing	25.6	25.5	23.8	23.8	6.5	6.4	5.0	5.0	4.0	4.0	5.2	5.3
	Chemical, petroleum and coal products	20.8	20.9	15.6	15.8	2.9	2.9	2.5	2.5	2.8	2.9	0.8	0.8
	Non-metallic mineral products	14.9	14.8	10.9	10.9	5.7	5.7	3.7	3.7	4.6	4.6	1.0	1.0
	Basic metal products	46.9	47.0	9.0	9.0	5.7	5.7	8.2	8.1	7.4	7.4	4.0	4.0
	Fabricated metal products	32.5	32.9	25.1	25.5	9.2	9.3	8.1	8.1	5.9	6.0	1.3	1.3
	Transport equipment	37.0	36.7	50.2	50.6	12.0	12.0	19.9	19.8	6.1	6.2	1.2	1.2
	Other machinery and equipment	50.6	50.4	40.6	40.7	8.8	8.8	11.2	11.1	6.2	6.1	0.8	0.9
	Miscellaneous manufacturing	15.8	15.7	17.0	17.3	2.8	2.8	3.3	3.3	1.6	1.6	0.2	0.2
D	Electricity, gas and water	36.3	36.3	27.9	27.9	9.7	9.7	8.2	8.2	7.3	7.4	3.3	3.3
E	Construction	110.7	110.5	80.2	80.5	60.2	59.7	32.1	32.2	31.0	31.3	11.3	11.5
F	Wholesale and retail trade	194.2	195.2	152.3	153.2	80.2	79.7	51.2	51.4	48.3	48.6	15.1	15.1
	Wholesale trade	82.0	82.2	66.4	66.9	36.3	36.1	23.3	23.4	21.8	22.0	6.5	6.6
	Retail trade	112.2	113.0	85.9	86.3	43.9	43.6	27.8	28.0	26.4	26.7	8.5	8.5
	Motor vehicle dealers, petrol and tyre retailers	49.7	49.6	35.8	35.6	20.8	20.5	13.0	13.1	13.1	13.1	3.5	3.5
	Other retail trade	62.5	63.4	50.1	50.7	23.1	23.1	14.8	14.9	13.3	13.6	5.0	5.0
G	Transport and storage	78.4	79.1	53.3	53.4	33.1	33.1	17.1	17.4	20.1	21.0	5.9	5.9
	Road transport	30.5	30.8	20.5	20.6	10.9	10.8	6.4	6.3	6.9	6.9	2.4	2.5
	Rail and air transport	30.9	30.9	20.4	20.3	16.0	16.0	6.8	6.8	7.7	7.7	1.7	1.7
	Water transport	10.3	10.3	6.5	6.4	3.9	3.9	2.4	2.4	3.6	3.7	1.3	1.3
	Other transport and storage	6.7	7.2	5.9	6.1	2.3	2.3	1.6	1.8	1.9	2.8	0.5	0.5
H	Communication	24.7	24.7	20.1	20.2	10.3	10.4	6.8	6.7	5.9	5.8	2.0	2.0
I	Finance, insurance, real estate and business services	74.7	74.5	55.5	55.4	25.2	25.2	15.7	15.7	14.7	14.7	4.6	4.7
	Finance and investment	29.7	29.6	21.4	21.3	10.2	10.2	7.0	7.0	5.9	5.9	1.9	1.9
	Banking	22.6	22.4	17.6	17.5	7.7	7.7	5.3	5.3	4.5	4.5	1.5	1.5
	Other finance	7.2	7.1	3.8	3.8	2.5	2.5	1.7	1.7	1.3	1.3	0.5	0.5
	Insurance	12.9	12.7	11.6	11.6	4.8	4.8	3.0	3.0	2.6	2.6	1.0	1.0
	Real estate and business services	32.1	32.2	22.5	22.5	10.2	10.2	5.8	5.7	6.2	6.2	1.7	1.7
J(c)	Public administration and defence	45.9	45.9	33.4	33.4	21.4	21.4	11.2	11.1	14.8	14.8	5.2	5.2
K	Community services	92.7	92.6	80.1	80.1	40.1	40.2	32.8	33.1	26.6	26.5	8.6	8.6
	Health	23.3	23.3	19.2	19.2	9.8	9.8	7.6	7.7	7.2	7.2	1.9	1.9
	Education, libraries, museums and art galleries	39.1	39.1	37.8	37.8	16.4	16.4	13.4	13.6	11.5	11.5	4.2	4.2
	Welfare, religious institutions and other community services	30.3	30.1	23.1	23.1	14.0	14.1	11.9	11.8	7.9	7.9	2.6	2.6
L(d)	Entertainment, recreation, restaurants, hotels and personal services	46.0	46.1	26.7	26.8	14.2	14.4	9.3	9.4	8.7	8.7	3.4	3.5
	Total	1,054.8	1,056.3	807.3	811.1	406.0	403.7	271.4	272.0	253.7	255.0	87.4	87.9
PRIVATE OR GOVERNMENT EMPLOYMENT													
	Private	731.3	732.0	568.6	572.1	265.7	263.4	178.3	178.6	168.9	170.3	57.8	58.2
	Government (e)	323.5	324.3	238.8	239.0	140.3	140.3	93.1	93.5	84.9	84.7	29.6	29.7
	Australian	86.6	86.5	69.4	69.5	29.0	29.0	24.2	24.1	16.3	16.3	5.9	5.8
	State	188.7	189.4	149.7	149.9	93.3	93.1	63.2	63.4	61.6	61.4	21.1	21.3
	Local	48.2	48.3	19.6	19.7	18.1	18.2	5.7	5.9	6.9	7.0	2.6	2.6

For footnotes see page 7.

TABLE 5. CIVILIAN EMPLOYEES : PRINCIPAL INDUSTRIES AND PRIVATE OR GOVERNMENT EMPLOYMENT - STATES
FEMALES, OCTOBER AND NOVEMBER 1977
(Excluding agriculture and private domestic service)
(000)

S.	Nov.	ASIC divis- ion (a)	ASIC industry (a)	N.S.W.		Vic.		Qld		S.A.		W.A.		Tas.	
				Oct.	Nov.	Oct.	Nov.	Oct.	Nov.	Oct.	Nov.	Oct.	Nov.	Oct.	Nov.
1.3		A(b)	Forestry, fishing and hunting	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1
3.6		B	Mining	1.1	1.0	0.6	0.7	1.0	1.0	0.4	0.4	2.3	2.3	0.2	0.2
23.2		C	Manufacturing	110.7	110.7	113.4	114.7	23.2	22.9	24.2	24.4	12.1	11.9	4.4	4.4
4.0			Food, beverages and tobacco	16.4	16.5	14.6	14.9	8.2	7.9	4.9	5.0	3.6	3.4	1.4	1.4
0.9			Textiles	4.4	4.4	8.2	8.4	0.5	0.6	1.0	1.0	0.4	0.4	1.1	1.1
0.1			Clothing and footwear	21.7	21.6	33.5	33.5	3.4	3.3	2.9	2.9	1.1	1.1	0.1	0.1
n.a.			Knitting mills; clothing	19.8	19.8	29.0	29.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.			Footwear	1.9	1.8	4.5	4.5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3.5			Wood, wood products and furniture	3.4	3.5	2.7	2.7	1.2	1.2	1.3	1.3	1.0	1.0	0.2	0.2
3.1			Wood and wood products	1.7	1.7	1.3	1.3	0.7	0.7	0.7	0.7	0.5	0.5	0.1	0.1
0.4			Furniture and mattresses	1.7	1.8	1.3	1.4	0.5	0.5	0.6	0.6	0.5	0.5	0.1	0.1
5.3			Paper and paper products, printing	9.9	10.0	8.3	8.3	2.7	2.7	1.9	1.9	1.7	1.7	0.7	0.7
0.8			Chemical, petroleum and coal products	9.1	9.0	5.2	5.2	0.7	0.7	0.6	0.5	0.5	0.5
1.0			Non-metallic mineral products	1.8	1.9	1.9	1.9	0.4	0.4	0.4	0.4	0.4	0.4	0.1	0.1
4.0			Basic metal products	3.3	3.4	1.3	1.3	0.5	0.5	0.7	0.7	0.5	0.6	0.2	0.2
1.3			Fabricated metal products	8.3	8.3	6.8	6.9	1.9	2.0	2.0	2.0	1.0	1.1	0.2	0.2
1.2			Transport equipment	3.7	3.7	8.6	8.7	0.8	0.8	2.0	2.0	0.2	0.2	0.2	0.2
0.9			Other machinery and equipment	19.3	19.0	13.7	13.9	1.5	1.5	4.5	4.5	1.0	1.0	0.2	0.2
0.2			Miscellaneous manufacturing	9.6	9.6	8.8	9.0	1.4	1.4	2.2	2.2	0.7	0.6	0.1	0.1
3.3		D	Electricity, gas and water	3.8	3.8	2.9	2.9	1.0	1.0	0.5	0.5	0.6	0.6	0.3	0.3
11.5		E	Construction	6.5	6.4	4.4	4.4	2.7	2.7	1.6	1.6	1.7	1.7	0.4	0.4
15.1		F	Wholesale and retail trade	151.7	153.6	110.9	111.8	58.8	59.1	39.2	39.9	37.8	38.5	11.1	11.3
6.6			Wholesale trade	33.9	34.2	26.4	26.4	12.9	12.9	8.6	8.6	8.4	8.5	1.9	2.0
8.5			Retail trade	117.7	119.4	84.5	85.5	45.9	46.2	30.6	31.3	29.4	30.0	9.2	9.4
3.5			Motor vehicle dealers, petrol and tyre retailers	11.5	11.5	6.5	6.6	5.0	4.9	3.1	3.1	2.8	2.7	0.5	0.5
5.0			Other retail trade	106.2	107.9	78.0	78.9	40.9	41.3	27.5	28.2	26.6	27.2	8.7	8.9
5.9		G	Transport and storage	15.7	15.9	10.2	10.3	4.5	4.4	2.6	2.6	2.9	2.9	0.7	0.6
2.5			Road transport	6.1	6.1	3.6	3.6	1.7	1.6	0.8	0.8	1.1	1.1	0.3	0.3
1.7			Rail and air transport	5.3	5.4	3.3	3.3	1.9	2.0	1.1	1.1	0.9	0.9	0.2	0.2
1.3			Water transport	0.9	0.9	0.5	0.5	0.3	0.3	0.2	0.1	0.2	0.2	0.1	0.1
0.5			Other transport and storage	3.5	3.5	2.9	2.9	0.6	0.6	0.6	0.6	0.7	0.7	0.1	0.1
2.0		H	Communication	10.2	10.3	8.2	8.2	4.4	4.4	2.7	2.7	2.2	2.2	0.8	0.8
4.7		I	Finance, insurance, real estate and business services	81.2	80.6	47.3	47.4	22.5	22.5	14.0	14.2	14.5	14.6	4.3	4.3
1.9			Finance and investment	28.1	28.0	16.8	16.8	8.8	8.9	5.3	5.4	5.7	5.7	1.8	1.8
1.5			Banking	19.8	19.7	12.4	12.4	6.3	6.4	3.7	3.7	3.8	3.8	1.3	1.3
0.5			Other finance	8.3	8.3	4.4	4.4	2.5	2.5	1.7	1.7	1.9	2.0	0.5	0.5
1.0			Insurance	13.0	12.8	8.6	8.6	3.7	3.7	2.5	2.5	2.1	2.1	0.8	0.8
1.7			Real estate and business services	40.1	39.8	22.0	21.9	9.9	9.9	6.2	6.3	6.7	6.7	1.7	1.7
5.2		J(c)	Public administration and defence	26.5	26.4	23.2	23.4	11.3	11.2	6.4	6.5	8.9	9.0	3.2	3.2
8.6		K	Community services	167.2	167.6	138.3	138.1	64.8	64.8	59.2	60.0	48.0	48.4	17.2	17.2
1.9			Health	91.0	91.1	72.7	72.8	34.3	34.3	32.3	32.4	26.3	26.5	9.2	9.2
4.2			Education, libraries, museums and art galleries	62.7	63.0	55.0	54.6	25.2	25.2	21.7	22.3	18.2	18.4	7.0	7.0
2.6			Welfare, religious institutions and other community services	13.4	13.5	10.7	10.7	5.4	5.4	5.3	5.3	3.4	3.5	1.0	1.0
3.5		L(d)	Entertainment, recreation, restaurants, hotels and personal services	55.0	55.6	38.9	38.6	26.6	26.7	17.7	18.2	15.1	14.8	6.3	6.4
87.9			Total	629.8	632.0	498.6	500.7	221.1	220.9	168.8	171.1	146.2	147.0	48.8	49.3
PRIVATE OR GOVERNMENT EMPLOYMENT															
58.2		Private		456.5	458.3	361.3	363.4	158.0	157.9	111.8	113.4	97.5	98.1	31.1	31.6
29.7		Government (e)		173.4	173.8	137.2	137.2	63.1	63.1	56.9	57.7	48.8	48.9	17.7	17.7
5.8		Australian		35.6	35.6	26.7	26.7	11.8	11.8	7.6	7.5	6.7	6.7	2.1	2.1
21.3		State		130.6	131.0	100.6	100.4	49.1	49.1	48.2	49.0	40.5	40.5	15.1	15.1
2.6		Local		7.2	7.2	10.0	10.1	2.2	2.2	1.2	1.2	1.5	1.6	0.5	0.5

(a) Australian Standard Industrial Classification (see page 2, paragraph 10). (b) Excludes ASIC Subdivisions 01 Agriculture and 02 Services to agriculture. (c) Excludes permanent defence forces. (d) Excludes ASIC Subdivision 94 Private households employing staff. (e) Includes industrial as well as administrative employees (see page 1, paragraph 5).

TABLE 6. CIVILIAN EMPLOYEES : PRINCIPAL INDUSTRIES AND PRIVATE OR GOVERNMENT EMPLOYMENT
NORTHERN TERRITORY
(Excluding agriculture and private domestic service)
(000)

Month	Mining	Manu- facturing	Construct- ion	Wholesale and retail trade	Transport and storage	Public adminis- tration and defence (a)	Comm- unity services	Other	Total	Private	Govern- ment (b)
MALES											
1977 -											
August	2.0	1.4	4.4	2.5	1.6	3.9	4.7	3.3	23.8	14.9	8.9
September	2.1	1.4	4.2	2.5	1.6	4.0	4.6	3.3	23.6	14.8	8.9
October	2.0	1.3	4.3	2.4	1.6	3.9	4.6	3.3	23.5	14.6	8.9
November	2.0	1.3	4.1	2.4	1.6	3.9	4.7	3.3	23.2	14.4	8.9
FEMALES											
1977 -											
August	0.3	0.3	0.2	2.4	0.3	2.7	4.8	2.2	13.1	7.3	5.8
September	0.3	0.3	0.2	2.3	0.3	2.7	4.8	2.2	13.1	7.3	5.8
October	0.3	0.3	0.2	2.2	0.3	2.8	4.8	2.2	13.0	7.2	5.9
November	0.3	0.3	0.2	2.2	0.3	2.7	4.8	2.1	13.0	7.1	5.9
PERSONS											
1977 -											
August	2.3	1.7	4.6	4.9	1.9	6.6	9.5	5.5	36.9	22.2	14.7
September	2.4	1.7	4.4	4.8	1.9	6.7	9.4	5.4	36.8	22.0	14.7
October	2.3	1.6	4.5	4.6	1.9	6.7	9.4	5.4	36.6	21.8	14.8
November	2.3	1.6	4.3	4.6	1.9	6.6	9.5	5.4	36.2	21.5	14.7

(a) Excludes permanent defence forces. (b) Includes industrial as well as administrative employees. (See page 1, paragraph 5). Includes employees of local government as well as employees transferred from Australian Government Departments to the Northern Territory Public Service in January 1977, the remainder being employees of Australian Government bodies.

TABLE 7. CIVILIAN EMPLOYEES : PRINCIPAL INDUSTRIES AND PRIVATE OR GOVERNMENT EMPLOYMENT
AUSTRALIAN CAPITAL TERRITORY (a)
(Excluding agriculture and private domestic service)
(000)

Month	Manu- facturing	Construct- ion	Wholesale and retail trade	Finance, insurance, real estate and business services	Public adminis- tration and defence (b)	Community Services Education, libraries, museums and art galleries	Other commu- nity services	Enter- tainment, recreation, restaur- ants, hotels and personal services	Other	Total	Private	Govern- ment (c)
MALES												
1977 -												
August	3.3	6.2	6.8	3.9	17.2	4.4	3.5	1.6	3.3	50.2	18.7	31.5
September	3.2	6.2	6.7	4.0	17.2	4.4	3.5	1.6	3.4	50.2	18.7	31.5
October	3.2	6.2	6.8	3.9	17.2	4.4	3.6	1.6	3.4	50.1	18.7	31.5
November	3.2	6.2	6.8	3.9	17.2	4.4	3.6	1.7	3.4	50.4	18.7	31.7
FEMALES												
1977 -												
August	0.9	0.5	5.5	3.1	12.5	5.7	5.0	2.0	1.0	36.2	14.7	21.5
September	0.9	0.5	5.5	3.1	12.4	5.6	5.1	2.1	1.0	36.1	14.6	21.5
October	0.9	0.5	5.5	3.1	12.5	5.7	5.1	2.1	1.0	36.2	14.7	21.5
November	0.9	0.5	5.4	3.0	12.6	5.6	5.1	2.1	1.0	36.1	14.6	21.5
PERSONS												
1977 -												
August	4.2	6.7	12.3	7.0	29.7	10.1	8.5	3.6	4.3	86.4	33.4	53.0
September	4.1	6.7	12.2	7.1	29.6	10.0	8.6	3.7	4.3	86.3	33.3	53.0
October	4.1	6.6	12.2	7.0	29.6	10.0	8.6	3.7	4.4	86.3	33.3	53.0
November	4.1	6.6	12.2	6.9	29.8	9.9	8.7	3.7	4.4	86.5	33.2	53.2

(a) Includes persons employed in the Australian Capital Territory who reside in adjoining areas. (b) Excludes permanent defence forces. (c) Includes industrial as well as administrative employees. (See page 1, paragraph 5).

2. UNEMPLOYED PERSONS

The tables in this section contain (a) estimates of the total number of persons unemployed, derived from the quarterly population survey, (b) the numbers registered with the Commonwealth Employment Service (CES) as unemployed, and (c) the number in receipt of unemployment benefit.

Total Unemployed Persons : Population Survey Estimates

2. The quarterly population survey is based on a multi-stage area sample of private dwellings (houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), the information being obtained in February, May, August and November from the occupants of selected dwellings by carefully chosen and specially trained interviewers. Interviews are carried out during a period of four weeks, so that in each of the months to which the survey relates there are four survey weeks, chosen so as to fall within the limits of the calendar month or with minimum encroachment into the adjacent months. Particulars of the number of persons employed or unemployed, and of the total labour force, are published each quarter in the bulletin *The Labour Force* (6203.0).

3. A new sample based on the 1976 Census will be used in February 1978, when the surveys will become monthly; at the same time a revised questionnaire will be introduced. In order that any effects of these changes can be assessed, an additional survey was undertaken in November 1977, using the new sample and questionnaire, at the same time as the normal survey was undertaken. Data from the additional survey will be processed shortly and results analysed to assess the effects of the innovations. The population survey normally covers about two-thirds of one per cent of the population of Australia. Because of the difficulties of running two surveys concurrently, the sample size of both November surveys was reduced to one-half of one per cent of the population. This reduction in sample size has slightly increased the sampling variability of the estimates, on average by about 15 per cent. See paragraph 6 for further details.

4. For purposes of the survey, unemployed persons are defined as all civilians aged 15 years and over who either :

- (a) during the survey week did not work and did not have a job, but could have taken one had it been available, and had been actively looking for full-time or part-time work in the four weeks up to and including the survey week (including persons who would have been prevented from taking a job in the survey week by their own temporary illness or injury, or by their having made arrangements to start after the survey week in a job in which they would have preferred to start in the survey week) or
- (b) were waiting to be called back to a job from which they had been temporarily stood down without pay for four weeks or less (including the whole of the survey week).

5. Unemployed persons therefore comprise those without a job and looking either for full-time work or for part-time work and those temporarily laid off from

either full-time or part-time jobs. This definition of unemployed persons conforms closely to that recommended by the Eighth International Conference of Labour Statisticians, Geneva, 1954.

6. Since the estimates are based on information obtained from occupants of a sample of dwellings, they may differ from the figures that would have been produced if the information had been obtained from occupants of all dwellings. Because of the reduction in the size of the sample in November 1977 (see paragraph 3), the standard errors are on average about 15 per cent larger than for previous surveys. For November 1977 there are about two chances in three that the differences between the sample results and those that would have been obtained from a complete enumeration would be less than 4,300 for total unemployed males, less than 4,000 for total unemployed females and less than 5,700 for total unemployed persons, and about nineteen chances in twenty that they would be less than twice these figures. For example, there are about nineteen chances in twenty that the true total unemployed is within the range 302,900 to 325,700. Although the figures in the table indicate a fall of 8,100 in the total number of unemployed persons between August and November 1977, the sampling variability of the estimates means that there are nineteen chances in twenty that the true movement lies between a fall of 18,500 and an increase of 2,300. Further details about the survey and the reliability of estimates will be found in the quarterly bulletin *The Labour Force* (6203.0).

Comparability of Survey Estimates and CES Figures

7. The sample estimates will differ from the number of persons registered with the CES (see Table 9) as not employed, awaiting placement in full-time employment, for a number of reasons, including the following :

- (a) the survey estimates include persons looking for part-time work as well as those looking for full-time work;
- (b) they include some unemployed persons (particularly females) who do not register with the CES;
- (c) they exclude persons who do any work at all during the survey week, although they may be registered with the CES — for example because they become unemployed during the week or work for only short-periods;
- (d) they exclude persons registered as unemployed who find jobs or who are no longer looking for work but do not notify the CES of their changed situation;
- (e) they represent averages over a period (see paragraph 2), whereas the CES figures refer to numbers registered on the Friday nearest the end of the month. This is particularly important (i) for November where the CES figures will include more unemployed school leavers than the survey estimates, and (ii) for those months such as November 1977 where the Friday nearest the end of the month falls in the following month; and

- (f) they are subject to sampling variability (see paragraph 6).

Suspension of Seasonally Adjusted Series

8. As explained in the last few issues of this publication, the higher level of unemployment since 1974 appears to have been accompanied by shifts in the pattern of seasonal variation. In an attempt to cope with the new situation, changes in the method of seasonal adjustment were made from August 1976 onwards, but it was pointed out that it would be claiming too much to suggest that the problems had been wholly overcome.

9. It is now evident from an examination of the figures for recent quarters that they are not following a regular pattern of seasonal variation and that the effects of seasonal influences are insufficiently stable to be handled by the revised method. Seasonal adjustment in these circumstances is no longer an aid to interpretation of the figures.

10. Moreover, with the introduction of monthly labour force surveys as from February 1978, household interviews will be conducted over a period of two weeks instead of the four weeks used when the survey was conducted at quarterly intervals. This change of timing may influence the level of figures shown for any month, particularly for months such as February during which unemployment may be changing rapidly. For some time it may be difficult to judge whether seasonal adjustment factors derived from past surveys are applicable to the results of surveys for the months of February, May, August and November.

11. In these circumstances publication of seasonally adjusted figures of numbers of persons unemployed has been suspended; the matter will be kept under review.

TABLE 8. UNEMPLOYED PERSONS (a)

Month	Looking for		Total (^{'000})	Aged 15-19 years		Aged 20 years and over (^{'000})	Per cent of labour force (b)		
	Full-time work (^{'000})	Part-time work (^{'000})		Looking for first job (^{'000})	Total (^{'000})		Aged 15-19 years	Aged 20 years and over	Total
MALES									
1976 -									
February (c)	147.0	12.5	159.5	17.4	51.3	108.2	13.1	3.0	4.0
May	123.3	9.2	132.4	9.4	41.7	90.7	10.8	2.5	3.3
August	138.0	8.1	146.2	12.5	42.7	103.4	11.8	2.9	3.7
November	133.4	10.9	144.2	15.3	42.5	101.8	11.7	2.8	3.6
1977 -									
February	161.5	12.2	173.6	23.2	60.8	112.8	15.2	3.1	4.3
May	157.3	12.9	170.1	15.4	55.5	114.6	14.0	3.2	4.3
August	163.1	12.6	175.6	15.1	55.4	120.2	14.6	3.3	4.4
November (d)	160.9	10.0	170.9	19.9	54.7	116.2	14.9	3.2	4.3
FEMALES									
1976 -									
February (c)	96.0	49.1	145.0	22.7	56.8	88.3	16.2	4.9	6.7
May	79.1	36.0	115.1	14.8	45.7	69.4	13.6	3.9	5.4
August	84.9	33.1	118.0	13.8	45.9	72.1	14.4	4.1	5.6
November	80.3	30.1	110.4	15.8	44.7	65.6	13.9	3.6	5.2
1977 -									
February	113.7	47.5	161.1	30.0	65.6	95.6	18.7	5.2	7.3
May	101.3	42.7	144.0	20.9	58.1	85.9	16.8	4.6	6.5
August	104.3	42.4	146.8	22.3	62.7	84.1	18.3	4.5	6.6
November (d)	104.4	39.1	143.4	19.1	56.6	86.8	16.8	4.6	6.5
PERSONS									
1976 -									
February (c)	243.0	61.5	304.5	40.2	108.0	196.5	14.6	3.7	5.0
May	202.4	45.2	247.6	24.2	87.4	160.1	12.1	3.0	4.1
August	222.9	41.2	264.1	26.3	88.6	175.5	13.0	3.3	4.4
November	213.7	40.9	254.6	31.1	87.2	167.4	12.7	3.1	4.2
1977 -									
February	275.1	59.6	334.8	53.1	126.4	208.4	16.8	3.8	5.4
May	258.6	55.5	314.2	36.3	113.6	200.6	15.3	3.7	5.1
August	267.4	55.0	322.4	37.5	118.1	204.3	16.3	3.7	5.2
November (d)	265.3	49.0	314.3	39.0	111.3	203.0	15.8	3.7	5.1

(a) Aged 15 years and over. For definition, see page 9, paragraph 4. See also page 9, paragraph 6 regarding the reliability of the estimates. (b) The number of unemployed in each group as a percentage of the labour force in the same group. (c) Affected by the deferral of the interviewing period by one week. It is estimated that had interviewing taken place in the normal period, the original and seasonally adjusted figures for persons would have been higher by some 5,000 to 10,000. (d) The sample size was reduced for the November 1977 survey. See page 9, paragraph 6.

TABLE 9. REGISTERED UNEMPLOYED (a)
(Source : Department of Employment and Industrial Relations)

Month (a)	N.S.W. (b)	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	Australia	
								Excluding school leavers	Total
MALES									
1975 - December	88,868	54,217	34,324	17,785	15,698	6,450	1,531	186,385	218,873
1976 - November	83,311	39,673	26,782	12,561	12,296	5,739	1,607	173,715	181,969
December	96,171	48,913	33,724	16,098	15,812	6,464	1,625	192,808	218,807
1977 - January	103,509	51,329	37,589	17,022	17,680	6,845	1,938	207,221	235,912
February	101,765	44,738	36,674	15,898	16,574	6,174	2,221	200,617	224,044
March	95,442	41,164	33,884	14,894	15,166	5,092	2,673	191,941	208,315
April	94,753	43,156	32,652	15,853	15,005	4,555	2,817	194,521	208,791
May	94,170	43,945	31,992	16,416	15,099	4,665	2,650	196,715	208,937
June	95,649	47,585	31,912	17,692	16,862	5,142	2,800	207,575	217,642
July	95,489	49,243	33,122	19,064	17,888	6,043	3,007	215,024	223,856
August	95,356	50,720	32,759	19,571	17,935	6,217	3,063	217,831	225,621
September	92,972	49,951	32,938	20,397	17,602	6,162	3,100	215,824	223,122
October	92,430	87,354	33,743	21,005	17,936	6,283	3,078	254,853	261,829
November	94,378	55,937	40,467	21,924	18,121	6,572	3,009	226,117	240,408
December	104,033	62,873	46,579	24,633	20,524	8,266	3,201	239,189	270,109
FEMALES									
1975 - December	41,212	30,919	15,578	9,511	8,570	3,791	251	82,071	109,832
1976 - November	35,886	24,762	13,196	7,086	6,438	2,803	378	82,031	90,549
December	42,608	29,353	15,478	8,972	8,166	3,734	416	86,568	108,727
1977 - January	47,160	31,304	17,558	9,636	8,655	3,850	514	92,431	118,677
February	48,688	32,525	18,023	9,958	8,932	3,870	628	96,809	122,624
March	46,348	31,557	17,311	9,590	9,004	3,593	831	97,253	118,234
April	45,158	30,067	16,832	9,663	8,446	3,420	812	96,066	114,398
May	44,699	28,893	16,482	9,501	8,425	3,451	795	96,437	112,246
June	45,308	30,028	16,670	9,898	8,711	3,644	892	101,711	115,151
July	44,199	29,470	16,697	10,070	8,700	3,462	937	101,722	113,535
August	41,774	28,569	15,164	9,728	8,660	3,523	939	98,447	108,357
September	40,668	27,617	14,774	9,758	8,147	3,254	872	96,099	105,090
October	40,657	31,648	14,400	9,658	8,199	3,051	893	99,957	108,506
November	44,124	31,571	17,151	10,426	9,213	3,285	779	101,852	116,549
December	50,661	36,413	19,137	12,199	10,440	4,355	771	105,085	133,976
PERSONS									
1975 - December	130,080	85,136	49,902	27,296	24,268	10,241	1,782	268,456	328,705
1976 - November	119,197	64,435	39,978	19,647	18,734	8,542	1,985	255,746	272,518
December	138,779	78,266	49,202	25,070	23,978	10,198	2,041	279,376	327,534
1977 - January	150,669	82,633	55,147	26,658	26,335	10,695	2,452	299,652	354,589
February	150,453	77,263	54,697	25,856	25,506	10,044	2,849	297,426	346,668
March	141,790	72,721	51,195	24,484	24,170	8,685	3,504	289,194	326,549
April	139,911	73,223	49,484	25,516	23,451	7,975	3,629	290,587	323,189
May	138,869	72,838	48,474	25,917	23,524	8,116	3,445	293,152	321,183
June	140,957	77,613	48,582	27,590	25,573	8,786	3,692	309,286	332,793
July	139,688	78,713	49,819	29,134	26,588	9,505	3,944	316,746	337,391
August	137,130	79,289	47,923	29,299	26,595	9,740	4,002	316,278	333,978
September	133,640	77,568	47,712	30,155	25,749	9,416	3,972	311,923	328,212
October	133,087	119,002	48,143	30,663	26,135	9,334	3,971	354,810	370,335
November	138,502	87,508	57,618	32,350	27,334	9,857	3,788	327,969	356,957
December	154,694	99,286	65,716	36,832	30,964	12,621	3,972	344,274	404,085

(a) Comprises all persons who were still registered with the Commonwealth Employment Service (C.E.S.) at the Friday nearest the end of the month and who claimed when registering that they were not employed, and who were seeking full-time employment, i.e. 35 hours or more per week. They include persons referred to employers but whose employment was still unconfirmed, and persons who had recently obtained employment without notifying the C.E.S. All recipients of unemployment benefit are included. (See Table 10.) (b) Includes the Australian Capital Territory.

TABLE 10. PERSONS RECEIVING UNEMPLOYMENT BENEFIT (a) (b)
(Source : Department of Social Security)

Month (a)	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
MALES									
1975 -									
December (a)	63,112	41,167	25,388	14,163	12,275	5,292	472	493	162,362
1976 -									
December 31	70,694	30,729	22,222	11,473	11,170	4,794	920	1,659	153,661
1977 -									
January 28	74,663	33,149	24,976	11,951	12,332	5,105	1,011	2,023	165,210
February 25	78,016	31,747	26,485	12,330	12,703	4,933	1,413	2,057	169,684
March 25	76,113	27,987	25,495	11,272	11,010	4,237	1,516	2,062	159,692
April 22	73,612	26,743	24,034	11,048	(c)9,936	3,919	1,697	1,915	(c)152,904
May 20	75,116	(c)33,000	23,895	(c)12,203	10,928	3,901	(c)1,680	2,105	(c)162,828
July 1	77,000	(c)36,400	23,329	14,149	12,895	4,381	1,988	2,198	(c)172,340
July 29	77,517	36,525	24,048	15,021	13,794	5,365	1,946	2,198	176,414
August 26	77,834	39,047	23,961	15,660	13,414	5,372	2,089	2,227	179,604
September 23	74,739	37,788	24,210	16,166	14,754	5,552	2,201	2,258	177,668
October 21	72,469	43,795	24,359	17,213	13,905	5,567	1,932	3,683	182,923
December 2	66,672	43,327	25,017	16,255	11,752	5,053	1,917	2,035	172,028
December 30	72,831	41,184	29,572	18,364	13,731	5,368	1,922	2,239	185,211
FEMALES									
1975 -									
December (a)	24,664	18,468	10,136	6,900	5,680	2,804	38	259	68,949
1976 -									
December 31	26,382	14,483	8,407	5,299	4,378	2,215	119	711	61,994
1977 -									
January 28	27,482	14,988	8,596	5,257	4,688	2,292	127	775	64,205
February 25	31,671	17,255	10,537	6,774	5,646	2,568	299	958	75,708
March 25	32,366	17,853	10,591	6,532	5,446	2,689	299	915	76,691
April 22	31,615	16,840	10,240	6,337	(c)5,030	2,656	309	876	(c)73,903
May 20	32,387	(c)18,700	10,455	(c)6,198	5,561	2,653	(c)320	882	(c)77,156
July 1	31,617	(c)19,100	10,263	6,881	6,047	2,697	476	888	(c)77,969
July 29	31,604	18,457	10,292	7,089	5,996	2,613	477	867	77,395
August 26	30,569	18,209	9,749	7,017	5,793	2,545	502	875	75,259
September 23	28,882	16,881	9,290	6,983	5,959	2,531	540	817	71,883
October 21	27,834	17,630	8,995	6,898	5,594	2,470	450	1,291	71,162
December 2	25,702	17,045	8,692	6,750	4,829	2,126	399	761	66,304
December 30	29,070	16,442	9,574	7,399	5,046	2,242	358	881	71,012
PERSONS									
1975 -									
December (a)	87,776	59,635	35,524	21,063	17,955	8,096	510	752	231,311
1976 -									
December 31	97,076	45,212	30,629	16,772	15,548	7,009	1,039	2,370	215,655
1977 -									
January 28	102,145	48,137	33,572	17,208	17,020	7,397	1,138	2,798	229,415
February 25	109,687	49,002	37,022	19,104	18,349	7,501	1,712	3,015	245,392
March 25	108,479	45,840	36,086	17,804	16,456	6,926	1,815	2,977	236,383
April 22	105,227	43,583	34,274	17,385	(c)14,966	6,575	2,006	2,791	(c)226,807
May 20	107,503	(c)51,700	34,350	(c)18,401	16,489	6,554	(c)2,000	2,987	(c)239,984
July 1	108,617	(c)55,500	33,592	21,030	18,942	7,078	2,464	3,086	(c)250,309
July 29	109,121	54,982	34,340	22,110	19,790	7,978	2,423	3,065	253,809
August 26	108,403	57,256	33,710	22,677	19,207	7,917	2,591	3,102	254,863
September 23	103,621	54,669	33,500	23,149	20,713	8,083	2,741	3,075	249,551
October 21	100,303	61,425	33,354	24,111	19,499	8,037	2,382	4,974	254,085
December 2	92,374	60,372	33,709	23,005	16,581	7,179	2,316	2,796	238,332
December 30	101,901	57,626	39,146	25,763	18,777	7,610	2,280	3,120	256,223

(a) Number on benefit at Saturday nearest the end of the month. The introduction of fortnightly payments in March 1976 altered the basis of collection of numbers on benefit to four or six week accounting periods. Figures now show numbers on benefit at the dates indicated. (b) State and Territory classification is based on location of office from which payment of benefit is made. (c) The figures shown are estimates.

3. JOB VACANCIES (a)

TABLE 11. VACANCIES REGISTERED WITH THE COMMONWEALTH EMPLOYMENT SERVICE (a)
(Source : Department of Employment and Industrial Relations)

Australia	Month (a)	N.S.W. (b)	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	Australia	
									Original	Seasonally adjusted (c)
	VACANCIES FOR ADULTS									
2,362	1975 -									
3,661	December	6,056	5,449	1,552	1,195	1,526	791	736	17,305	20,911
5,210	1976 -									
9,684	December	5,297	5,020	1,281	1,286	1,348	629	378	15,239	18,407
9,692	1977 -									
2,904	January	6,311	8,320	1,389	1,431	1,772	906	299	20,428	18,246
2,828	February	6,701	7,829	1,432	1,689	1,961	1,054	219	20,885	18,407
2,340	March	5,912	6,564	1,418	1,363	1,882	1,152	200	18,491	17,360
6,414	April	5,243	6,189	1,364	1,041	1,727	823	245	16,632	16,094
9,604	May	5,308	5,913	1,265	920	1,473	833	247	15,959	15,536
7,668	June	5,060	5,763	1,415	832	1,247	811	204	15,332	16,156
2,923	July	5,043	5,606	1,181	901	1,322	764	238	15,055	16,359
2,028	August	5,396	5,548	1,337	1,186	1,433	729	215	15,844	16,360
5,211	September	5,180	5,156	1,181	1,095	1,374	780	216	14,982	14,838
	October	5,946	5,242	1,233	970	1,440	655	237	15,723	15,576
	November	4,936	4,921	1,051	1,043	1,322	575	281	14,129	15,135
	December	4,163	4,338	931	771	1,095	660	250	12,208	14,745
	VACANCIES FOR JUNIORS (d)									
18,949	1975 -									
1,994	December	7,826	2,336	455	568	390	287	87	11,949	6,527
14,205	1976 -									
15,708	December	7,422	2,002	497	372	666	262	84	11,305	6,196
16,691	1977 -									
13,903	January	4,956	2,264	612	565	1,353	175	35	9,960	6,286
17,156	February	3,745	2,078	534	362	1,046	198	22	7,985	6,546
17,969	March	1,697	1,581	488	315	734	141	21	4,977	5,883
17,395	April	1,499	1,345	565	269	568	99	31	4,376	5,813
15,259	May	1,463	1,064	526	245	522	85	30	3,935	5,542
71,883	June	1,345	1,053	496	231	513	136	23	3,797	6,086
71,162	July	1,514	1,186	568	224	449	76	14	4,031	6,374
56,304	August	1,645	1,113	777	296	539	135	26	4,531	6,755
71,012	September	1,622	1,453	751	327	585	144	14	4,896	6,416
	October	1,910	1,471	793	336	689	149	28	5,376	5,740
	November	2,683	1,456	689	399	606	259	35	6,127	4,427
	December	4,468	1,346	638	411	540	331	21	7,755	4,212
	TOTAL VACANCIES									
	1975 -									
	December	13,882	7,785	2,007	1,763	1,916	1,078	823	29,254	27,438
31,311	1976 -									
15,655	December	12,719	7,022	1,778	1,658	2,014	891	462	26,544	24,603
29,415	1977 -									
45,392	January	11,267	10,584	2,001	1,996	3,125	1,081	334	30,388	24,532
36,383	February	10,446	9,907	1,966	2,051	3,007	1,252	241	28,870	24,953
26,807	March	7,609	8,145	1,906	1,678	2,616	1,293	221	23,468	23,243
39,984	April	6,742	7,534	1,929	1,310	2,295	922	276	21,008	21,907
50,309	May	6,771	6,977	1,791	1,165	1,995	918	277	19,894	21,078
53,809	June	6,405	6,816	1,911	1,063	1,760	947	227	19,129	22,242
54,863	July	6,557	6,792	1,749	1,125	1,771	840	252	19,086	22,733
	August	7,041	6,661	2,114	1,482	1,972	864	241	20,375	23,115
	September	6,802	6,609	1,932	1,422	1,959	924	230	19,878	21,254
	October	7,856	6,713	2,026	1,306	2,129	804	265	21,099	21,316
	November	7,619	6,377	1,740	1,442	1,928	834	316	20,256	19,562
	December	8,631	5,684	1,569	1,182	1,635	991	271	19,963	18,957

(a) Vacancies notified to the CES, which were still unfilled at the Friday nearest the end of the month and which employers claimed could be filled if labour were supplied immediately or within the following month. Vacancies for full-time, part-time, permanent, temporary and seasonal positions are included. (b) Includes the Australian Capital Territory. (c) The methods used in seasonally adjusting these statistics are explained in *Seasonally Adjusted Indicators 1977* (1308.0). (d) Juniors comprise all persons under 21 years of age, including school leavers.

NOTE. Sample surveys have been conducted by the Australian Bureau of Statistics in March each year since 1974 to obtain information on the level and composition of job vacancies. In order to reduce the delay in collection of data and publication of results a quarterly telephone survey in respect of vacancies was commenced in May 1977. Surveys will be conducted in February, May, August and November each year. For a number of reasons the estimates obtained from these surveys differ substantially from the number of vacancies registered with the CES at the same dates. For example, the survey estimate of total vacancies in November 1977 was 36,400 while the CES figure was 20,256. Results of the surveys to November 1977 and reasons why the survey estimates differ from CES statistics were published in *Job Vacancies, November 1977* (6231.0).